

Client's Ref.:
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ABSTRACT OF THE DISCLOSURE

A prophy chip comprising a hollow cup-shaped core of canopy (semispherical), cylindrical, cupped, conical, inverted conical, or disk profile, covered with a hydrophilic
5 grindstone sponge containing a polishing agent, the hydrophilic grindstone sponge side edge either being press fixed by being folded into the interior of the core by a shank-equipped latch plate or contoured for gripping, a shaft fixed to avoid vibration around the latch plate bottom
10 surface rotation axis during rotation, thereby providing a cleaning, polishing, and burnishing prophy chip which maintains polishing efficiency without involving transverse oscillations in polishing barrel-shaped tooth clearances or adjacent surfaces and without requiring a polishing gel or
15 paste due to improved dissipation of heat generated by friction.